

Flood Crest Occurences by One Foot Intervals: James River at Lick Run

Latitude: 37.774
Flood Stage: 16

Period of Record: 1877-Present
Last Flood: 6/24/2016

Longitude: -79.784
Number of Floods: 79

| Flood Crest-Height above Flood Stage | Total Flood Crest Occurence |
|---|--------------------------------|
| 16 ft to 16.99 ft | 17 |
| 17 ft to 17.99 ft | 12 |
| 18 ft to 18.99 ft | 14 |
| 19 ft to 19.99 ft | 14 |
| 20 ft to 20.99 ft | 5 |
| 21 ft to 21.99 ft | 3 |
| 22 ft to 22.99 ft | 5 |
| 23 ft to 23.99 ft | 0 |
| 24 ft to 24.99 ft | 2 |
| 25 ft to 25.99 ft | 3 |

| Flood Crest-Height above Flood Stage | Total Flood Crest Occurence |
|---|--------------------------------|
| 26 ft to 26.99 ft | 0 |
| 27 ft to 27.99 ft | 1 |
| 28 ft to 28.99 ft | 0 |
| 29 ft to 29.99 ft | 0 |
| 30 ft to 30.99 ft | 2 |
| 31 ft to 31.99 ft | 0 |
| 32 ft to 32.99 ft | 0 |
| 33 ft to 33.99 ft | 1 |
| 34 ft to 34.99 ft | 0 |
| 35 ft to 35.99 ft | 0 |

| Flood Crest-Height above Flood Stage | Total Flood Crest Occurence |
|---|--------------------------------|
| 36 ft to 36.99 ft | 0 |
| 37 ft to 37.99 ft | 0 |
| 38 ft to 38.99 ft | 0 |
| 39 ft to 39.99 ft | 0 |
| 40 ft to 40.99 ft | 0 |
| 41 ft to 41.99 ft | 0 |
| 42 ft to 42.99 ft | 0 |
| 43 ft to 43.99 ft | 0 |
| 44 ft to 44.99 ft | 0 |
| 45 ft to 45.99 ft | 0 |

Drainage Area: 1371 sq mi
Gage Datum: 977.63 ft MSL

Data represents all historical floods.
James Basin

County of Gage: Botetourt
County of Forecast Point: Botetourt

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| Flood Crest-Height above Flood Stage | Total Flood Crest Occurrence | Percent of Flood Crest Occurrence |
|---|---------------------------------|--------------------------------------|
| 16 ft to 16.99 ft | 17 | 21.5 |
| 17 ft to 17.99 ft | 12 | 15.2 |
| 18 ft to 18.99 ft | 14 | 17.7 |
| 19 ft to 19.99 ft | 14 | 17.7 |
| 20 ft to 20.99 ft | 5 | 6.3 |
| 21 ft to 21.99 ft | 3 | 3.8 |
| 22 ft to 22.99 ft | 5 | 6.3 |
| 23 ft to 23.99 ft | 0 | 0 |
| 24 ft to 24.99 ft | 2 | 2.5 |
| 25 ft to 25.99 ft | 3 | 3.8 |
| 26 ft to 26.99 ft | 0 | 0 |
| 27 ft to 27.99 ft | 1 | 1.3 |
| 28 ft to 28.99 ft | 0 | 0 |
| 29 ft to 29.99 ft | 0 | 0 |
| 30 ft to 30.99 ft | 2 | 2.5 |

| Flood Crest-Height above Flood Stage | Total Flood Crest Occurrence | Percent of Flood Crest Occurrence |
|---|---------------------------------|--------------------------------------|
| 31 ft to 31.99 ft | 0 | 0 |
| 32 ft to 32.99 ft | 0 | 0 |
| 33 ft to 33.99 ft | 1 | 1.3 |
| 34 ft to 34.99 ft | 0 | 0 |
| 35 ft to 35.99 ft | 0 | 0 |
| 36 ft to 36.99 ft | 0 | 0 |
| 37 ft to 37.99 ft | 0 | 0 |
| 38 ft to 38.99 ft | 0 | 0 |
| 39 ft to 39.99 ft | 0 | 0 |
| 40 ft to 40.99 ft | 0 | 0 |
| 41 ft to 41.99 ft | 0 | 0 |
| 42 ft to 42.99 ft | 0 | 0 |
| 43 ft to 43.99 ft | 0 | 0 |
| 44 ft to 44.99 ft | 0 | 0 |
| 45 ft to 45.99 ft | 0 | 0 |

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Flood Stage: 16

Last Flood: 6/24/2016

Number of Floods: 79

| Flood Crest-Height above Flood Stage | Cumulative Total Flood Occurence | Cumulative Percent of Flood Occurence |
|---|-------------------------------------|--|
| 16 ft to 16.99 ft | 79 | 100 |
| 17 ft to 17.99 ft | 62 | 78.4 |
| 18 ft to 18.99 ft | 50 | 63.2 |
| 19 ft to 19.99 ft | 36 | 45.5 |
| 20 ft to 20.99 ft | 22 | 27.8 |
| 21 ft to 21.99 ft | 17 | 21.5 |
| 22 ft to 22.99 ft | 14 | 17.7 |
| 23 ft to 23.99 ft | 9 | 11.4 |
| 24 ft to 24.99 ft | 9 | 11.4 |
| 25 ft to 25.99 ft | 7 | 8.9 |
| 26 ft to 26.99 ft | 4 | 5.1 |
| 27 ft to 27.99 ft | 4 | 5.1 |
| 28 ft to 28.99 ft | 3 | 3.8 |
| 29 ft to 29.99 ft | 3 | 3.8 |
| 30 ft to 30.99 ft | 3 | 3.8 |

| Flood Crest-Height above Flood Stage | CumulativeTotal Flood Occurence | Cumulative Percent of Flood Occurence |
|---|------------------------------------|--|
| 31 ft to 31.99 ft | 1 | 1.3 |
| 32 ft to 32.99 ft | 1 | 1.3 |
| 33 ft to 33.99 ft | 1 | 1.3 |
| 34 ft to 34.99 ft | 0 | 0 |
| 35 ft to 35.99 ft | 0 | 0 |
| 36 ft to 36.99 ft | 0 | 0 |
| 37 ft to 37.99 ft | 0 | 0 |
| 38 ft to 38.99 ft | 0 | 0 |
| 39 ft to 39.99 ft | 0 | 0 |
| 40 ft to 40.99 ft | 0 | 0 |
| 41 ft to 41.99 ft | 0 | 0 |
| 42 ft to 42.99 ft | 0 | 0 |
| 43 ft to 43.99 ft | 0 | 0 |
| 44 ft to 44.99 ft | 0 | 0 |
| 45 ft to 45.99 ft | 0 | 0 |

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